

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10595841
	Filing Date		2004-11-12
	First Named Inventor	Warren T. Johnson	
	Art Unit	1778	
	Examiner Name	D.R. Anderson	
	Attorney Docket Number	2003P87067WOUS	

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	1997074		1935-04-09	Novotny	
	2	2080783		1937-05-18	Petersen	
	3	2105700		1938-01-18	Ramage	
	4	2843038		1958-07-15	Manspeaker	
	5	2926086		1960-02-23	Chenicek et al.	
	6	256008		1882-04-04	Leak	
	7	285321		1883-09-18	Tams	
	8	3139401		1964-06-30	Hach	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit		1778
Examiner Name	D.R. Anderson	
Attorney Docket Number		2003P87067WOUS

	9	3183191		1965-05-11	Hach	
	10	3198636		1965-08-03	Bouthilet	
	11	3228876		1966-01-11	Mahon	
	12	3275554		1966-09-27	Wagenaar	
	13	3442002		1969-05-06	Geary et al.	
	14	3462362		1969-08-19	Kollsman	
	15	3472765		1969-10-14	Budd et al.	
	16	3492698		1970-02-03	Geary et al.	
	17	3501798		1970-03-24	Carraro	
	18	3505215		1970-04-07	Bray	
	19	3556305		1971-01-19	Jacob Shorr	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit	1778	
Examiner Name	D.R. Anderson	
Attorney Docket Number	2003P87067WOUS	

	20	3591010		1971-07-06	Pall et al.	
	21	3625827		1971-12-07	Wildi et al.	
	22	3654147		1972-04-04	Levin	
	23	3679052		1972-07-25	Asper	
	24	3693406		1972-09-26	Tobin, III	
	25	3700561		1972-10-24	Ziffer	
	26	3700591		1972-10-24	Higley	
	27	3708071		1973-01-02	Crowley	
	28	3728256		1973-04-17	Cooper	
	29	3763055		1973-10-02	White et al.	
	30	3791631		1974-02-12	Meyer	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit		1778
Examiner Name	D.R. Anderson	
Attorney Docket Number		2003P87067WOUS

	31	3795609		1974-03-05	Hill et al.	
	32	3804258		1974-04-16	Okuniewski et al.	
	33	3843809		1974-10-22	Luck	
	34	3876738		1975-04-08	Marinaccio et al.	
	35	3955998		1976-05-11	Clampitt et al.	
	36	3968192		1976-07-06	Hoffman, III et al.	
	37	3992301		1976-11-16	Shippey et al.	
	38	3993816		1976-11-23	Baudet et al.	
	39	4049765		1977-09-20	Yamazaki	
	40	4076656		1978-02-28	White et al.	
	41	4082683		1978-04-04	Galeslout	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit		1778
Examiner Name	D.R. Anderson	
Attorney Docket Number		2003P87067WOUS

	42	4105556		1978-08-08	O'Amaddio et al.	
	43	4105731		1978-08-08	Yamazaki	
	44	4107043		1978-08-15	McKinney	
	45	4138460		1979-02-06	Tigner	
	46	4157899		1979-06-12	Wheaton	
	47	4183890		1980-01-15	Bollinger	
	48	4188817		1980-02-19	Steigelmann	
	49	4190411		1980-02-26	Fujimoto	
	50	4190419		1980-02-26	Bauer	
	51	4192750		1980-03-11	Elfes et al.	
	52	4193780		1980-03-18	Cotton, Jr. et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit		1778
Examiner Name	D.R. Anderson	
Attorney Docket Number		2003P87067WOUS

	53	4203848		1980-05-20	Grandine, II	
	54	4204961		1980-05-27	Cusato, Jr.	
	55	4218324		1980-08-19	Hartmann et al.	
	56	4226921		1980-10-07	Tsang	
	57	4227295		1980-10-14	Bodnar et al.	
	58	4230583		1980-10-28	Chiolle et al.	
	59	4243525		1981-01-06	Greenberg	
	60	4247498		1981-01-27	Castro	
	61	4248648		1981-02-03	Kopp	
	62	4253936		1981-03-03	Leysen et al.	
	63	4271026		1981-06-02	Chen et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit	1778	
Examiner Name	D.R. Anderson	
Attorney Docket Number	2003P87067WOUS	

	64	4302336		1981-11-24	Kawaguchi et al.	
	65	4315819		1982-02-16	King et al.	
	66	4323453		1982-04-06	Zampini	
	67	4340479		1982-07-20	Pall	
	68	4350592		1982-09-21	Kronsbein	
	69	4353802		1982-10-12	Hara et al.	
	70	4359359		1982-11-16	Gerlach et al.	
	71	4367139		1983-01-04	Graham	
	72	4367140		1983-01-04	Wilson	
	73	4369605		1983-01-25	Opersteny et al.	
	74	4384474		1983-05-24	Kowalski	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit	1778	
Examiner Name	D.R. Anderson	
Attorney Docket Number	2003P87067WOUS	

	75	4385150		1983-05-24	Miyake et al.	
	76	4388189		1983-06-14	Kawaguchi et al.	
	77	4389363		1983-06-21	Molthop	
	78	4405688		1983-09-20	Lowery et al.	
	79	4407975		1983-10-04	Yamaguchi	
	80	4414113		1983-11-08	LaTerra	
	81	4414172		1983-11-08	Leason	
	82	4415452		1983-11-15	Heil et al.	
	83	4431545		1984-02-14	Pall et al.	
	84	4451369		1984-05-29	Sekino et al.	
	85	4462855		1984-07-31	Yankowsky et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit		1778
Examiner Name	D.R. Anderson	
Attorney Docket Number		2003P87067WOUS

	86	4467001		1984-08-21	Coplan et al.	
	87	4476112		1984-10-09	Aversano	
	88	4491522		1985-01-01	Ishida et al.	
	89	4496470		1985-01-29	Kapiloff et al.	
	90	4511471		1985-04-16	Muller	
	91	4519909		1985-05-28	Castro	
	92	4540490		1985-09-10	Shibata et al.	
	93	4547289		1985-10-15	Okano et al.	
	94	4609465		1986-09-02	Miller	
	95	4610789		1986-09-09	Barch	
	96	4614109		1986-09-30	Hofmann	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit		1778
Examiner Name	D.R. Anderson	
Attorney Docket Number		2003P87067WOUS

	97	4623460		1986-11-18	Kuzumoto et al.	
	98	4623670		1986-11-18	Mutoh et al.	
	99	4629563		1986-12-16	Wrasidlo	
	100	4632745		1986-12-30	Giuffrida et al.	
	101	4636296		1987-01-13	Kunz	
	102	4642182		1987-02-10	Drori	
	103	4647377		1987-03-03	Miura	
	104	4650586		1987-03-17	Ellis, III	
	105	4650596		1987-03-17	Schlueter et al.	
	106	4656865		1987-04-14	Callan	
	107	4660411		1987-04-28	Reid	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit		1778
Examiner Name	D.R. Anderson	
Attorney Docket Number		2003P87067WOUS

	108	4666543		1987-05-19	Kawano	
	109	4670145		1987-06-02	Edwards	
	110	4673507		1987-06-16	Brown	
	111	4687561		1987-08-18	Kunz	
	112	4687578		1987-08-18	Stookey	
	113	4688511		1987-08-25	Gerlach et al.	
	114	4689191		1987-08-25	Beck et al.	
	115	4702836		1987-10-27	Mutoh et al.	
	116	4702840		1987-10-27	Degen et al.	
	117	4707266		1987-11-17	Degen et al.	
	118	4708799		1987-11-24	Gerlach et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit		1778
Examiner Name	D.R. Anderson	
Attorney Docket Number		2003P87067WOUS

	119	4718270		1988-01-12	Storr	
	120	4744240		1988-05-17	Reichelt	
	121	4749487		1988-06-07	Lefebvre	
	122	4756875		1988-07-12	Tajima et al.	
	123	4763612		1988-08-16	Iwanami	
	124	4767539		1988-08-30	Ford	
	125	4774132		1988-09-27	Joffe et al.	
	126	4775471		1988-10-04	Nagai et al.	
	127	4779448		1988-10-25	Gogins	
	128	4781831		1988-11-01	Goldsmith	
	129	4784771		1988-11-15	Wathen et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit		1778
Examiner Name	D.R. Anderson	
Attorney Docket Number		2003P87067WOUS

	130	4793932		1988-12-27	Ford et al.	
	131	4797187		1989-01-10	Davis et al.	
	132	4797211		1989-01-10	Ehrfeld et al.	
	133	4800019		1989-01-24	Bikson et al.	
	134	4810384		1989-03-07	Fabre	
	135	4812235		1989-03-14	Seleman et al.	
	136	4816160		1989-03-28	Ford et al.	
	137	4824563		1989-04-25	Iwahori et al.	
	138	4834998		1989-05-30	Shrikhande	
	139	4839048		1989-06-13	Reed et al.	
	140	4840227		1989-06-20	Schmidt	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit		1778
Examiner Name	D.R. Anderson	
Attorney Docket Number		2003P87067WOUS

	141	4846970		1989-07-11	Bertelsen et al.	
	142	4867883		1989-09-19	Daigger et al.	
	143	4876006		1989-10-24	Ohkubo et al.	
	144	4876012		1989-10-24	Kopp et al.	
	145	4886601		1989-12-12	Iwatsuka et al.	
	146	4888115		1989-12-19	Marinaccio et al.	
	147	4904426		1990-02-27	Lundgard et al.	
	148	4919815		1990-04-24	Copa et al.	
	149	4921610		1990-05-01	Ford et al.	
	150	4931186		1990-06-05	Ford et al.	
	151	4933084		1990-06-12	Bandel et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit		1778
Examiner Name	D.R. Anderson	
Attorney Docket Number		2003P87067WOUS

	152	4935143		1990-06-19	Kopp et al.	
	153	4952317		1990-08-28	Culkin	
	154	4963304		1990-10-16	Im et al.	
	155	4966699		1990-10-30	Sasaki et al.	
	156	4968430		1990-11-06	Hildenbrand et al.	
	157	4968733		1990-11-06	Muller et al.	
	158	4969997		1990-11-13	Kluver et al.	
	159	4988444		1991-01-29	Applegate et al.	
	160	4999038		1991-03-12	Lundberg	
	161	5002666		1991-03-26	Matsumoto et al.	
	162	5005430		1991-04-09	Kibler et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit		1778
Examiner Name	D.R. Anderson	
Attorney Docket Number		2003P87067WOUS

	163	5015275		1991-05-14	Beck et al.	
	164	5024762		1991-06-18	Ford et al.	
	165	5034125		1991-07-23	Karbachsch et al.	
	166	5043113		1991-08-27	Kafchinski et al.	
	167	5059317		1991-10-22	Marius et al.	
	168	5066375		1991-11-19	Parsi et al.	
	169	5066401		1991-11-19	Muller et al.	
	170	5066402		1991-11-19	Anselme et al.	
	171	5069065		1991-12-03	Sprunt et al.	
	172	5069353		1991-12-03	Espanan	
	173	5075065		1991-12-24	Effenberger et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit		1778
Examiner Name	D.R. Anderson	
Attorney Docket Number		2003P87067WOUS

	174	5076925		1991-12-31	Roesink et al.	
	175	5079272		1992-01-07	Allegrezza, Jr. et al.	
	176	5094750		1992-03-10	Kopp et al.	
	177	5094867		1992-03-10	Detering et al.	
	178	5098567		1992-03-24	Nishiguchi	
	179	5104535		1992-04-14	Cote et al.	
	180	5104546		1992-04-14	Filson et al.	
	181	5135663		1992-08-04	Newberth, III et al.	
	182	5137631		1992-08-11	Eckman et al.	
	183	5138870		1992-08-18	Lyssy	
	184	5147553		1992-09-15	Waite	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit		1778
Examiner Name	D.R. Anderson	
Attorney Docket Number		2003P87067WOUS

	185	5151191		1992-09-29	Sunaoka et al.	
	186	5151193		1992-09-29	Grobe et al.	
	187	5158721		1992-10-27	Allegrezza, Jr. et al.	
	188	5169528		1992-12-08	Karbachsch et al.	
	189	5169530		1992-12-08	Schucker et al.	
	190	5182019		1993-01-26	Cote et al.	
	191	5186821		1993-02-16	Murphy	
	192	5192442		1993-03-09	Piccirillo et al.	
	193	5192456		1993-03-09	Ishida et al.	
	194	5192478		1993-03-09	Caskey	
	195	5194149		1993-03-16	Selbie et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit		1778
Examiner Name	D.R. Anderson	
Attorney Docket Number		2003P87067WOUS

	196	5198116		1993-03-30	Comstock et al.	
	197	5198162		1993-03-30	Park et al.	
	198	5209852		1993-05-11	Sunaoka et al.	
	199	5211823		1993-05-18	Giuffrida et al.	
	200	5221478		1993-06-22	Dhingra et al.	
	201	5227063		1993-07-13	Langerak et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

U.S.PATENT APPLICATION PUBLICATIONS

Remove

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20010047962		2001-12-06	Zha et al.	
	2	20010052494		2001-12-20	Cote et al.	
	3	20020070157		2002-06-13	Yamada	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit	1778	
Examiner Name	D.R. Anderson	
Attorney Docket Number	2003P87067WOUS	

	4	20020117444		2002-08-29	Mikkelson et al.	
	5	20020148767		2002-10-17	Johnson et al.	
	6	20020153313		2002-10-24	Cote	
	7	20020185435		2002-12-12	Husain et al.	
	8	20020189999		2002-12-19	Espenan et al.	
	9	20020195390		2002-12-26	Zha et al.	
	10	20030038080		2003-02-27	Vriens et al.	
	11	20030042199		2003-03-06	Smith	
	12	20030056919		2003-03-27	Beck	
	13	20030057155		2003-03-27	Husain et al.	
	14	20030121855		2003-07-03	Kopp	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit		1778
Examiner Name	D.R. Anderson	
Attorney Docket Number		2003P87067WOUS

	15	20030127388		2003-07-10	Ando et al.	
	16	20030146153		2003-08-07	Cote et al.	
	17	20030150807		2003-08-14	Bartels et al.	
	18	20030159988		2003-08-28	Daigger et al.	
	19	20030178365		2003-09-25	Zha et al.	
	20	20030196955		2003-10-23	Hughes	
	21	20030226797		2003-12-11	Phelps	
	22	20030234221		2003-12-25	Johnson et al.	
	23	20040007525		2004-01-15	Rabie et al.	
	24	20040035770		2004-02-26	Edwards et al.	
	25	20040055974		2004-03-25	Del Vecchio et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit		1778
Examiner Name	D.R. Anderson	
Attorney Docket Number		2003P87067WOUS

	26	20040084369		2004-05-06	Zha et al.	
	27	20040112831		2004-06-17	Rabie et al.	
	28	20040145076		2004-07-29	Zha et al.	
	29	20040154671		2004-08-12	Martins et al.	
	30	20040168978		2004-09-02	Gray	
	31	20040168979		2004-09-02	Zha et al.	
	32	20040173525		2004-09-09	Hunniford et al.	
	33	20040178154		2004-09-16	Zha et al.	
	34	20040188341		2004-09-30	Zha et al.	
	35	20040222158		2004-11-11	Husain et al.	
	36	20040232076		2004-11-25	Zha et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit		1778
Examiner Name	D.R. Anderson	
Attorney Docket Number		2003P87067WOUS

	37	20040245174		2004-12-09	Takayama et al.	
	38	20050006308		2005-01-13	Cote et al.	
	39	20050023219		2005-02-03	Kirker et al.	
	40	20050029185		2005-02-10	Muller	
	41	20050029186		2005-02-10	Muller	
	42	20050032982		2005-02-10	Muller	
	43	20050045557		2005-03-03	Daigger et al.	
	44	20050061725		2005-03-24	Liu et al.	
	45	20050077227		2005-04-14	Kirker et al.	
	46	20050098494		2005-05-12	Mullette et al.	
	47	20050103722		2005-05-19	Freydina et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit		1778
Examiner Name	D.R. Anderson	
Attorney Docket Number		2003P87067WOUS

	48	20050109692		2005-05-26	Zha et al.	
	49	20050115880		2005-06-02	Pollock	
	50	20050115899		2005-06-02	Liu et al.	
	51	20050126963		2005-06-16	Phagoo et al.	
	52	20050139538		2005-06-30	Lazaredes	
	53	20050184008		2005-08-25	Schacht et al.	
	54	20050194310		2005-09-08	Yamamoto et al.	
	55	20050194315		2005-09-08	Adams et al.	
	56	20050258098		2005-11-24	Vincent et al.	
	57	20060000775		2006-01-05	Zha et al.	
	58	20060021929		2006-02-02	Mannheim et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit		1778
Examiner Name	D.R. Anderson	
Attorney Docket Number		2003P87067WOUS

59	20060065596		2006-03-30	Kent et al.	
60	20060081533		2006-04-20	Khudenko	
61	20060131234		2006-06-22	Zha et al.	
62	20060201876		2006-09-14	Jordan	
63	20060201879		2006-09-14	Den Boestert et al.	
64	20060249448		2006-11-09	Fujishima et al.	
65	20060249449		2006-11-09	Nakhla et al.	
66	20060261007		2006-11-23	Zha et al.	
67	20060273007		2006-12-07	Zha et al.	
68	20060273038		2006-12-07	Syed et al.	
69	20070007205		2007-01-11	Johnson et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit		1778
Examiner Name	D.R. Anderson	
Attorney Docket Number		2003P87067WOUS

	70	20070007214		2007-01-11	Zha et al.	
	71	20070039888		2007-02-22	Ginzburg et al.	
	72	20070045183		2007-03-01	Murphy	
	73	20070056904		2007-03-15	Hogt et al.	
	74	20070056905		2007-03-15	Beck et al.	
	75	20070075017		2007-04-05	Kuzma	
	76	20070084791		2007-04-19	Jordan et al.	
	77	20070084795		2007-04-19	Jordan	
	78	20070108125		2007-05-17	Cho et al.	
	79	20070138090		2007-06-21	Jordan et al.	
	80	20070170112		2007-07-26	Elefritz et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit		1778
Examiner Name	D.R. Anderson	
Attorney Docket Number		2003P87067WOUS

81	20070181496		2007-08-09	Zuback	
82	20070227973		2007-10-04	Zha et al.	
83	20080053923		2008-03-06	Beck et al.	
84	20080093297		2008-04-24	Gock et al.	
85	20080156745		2008-07-03	Zha et al.	
86	20080179249		2008-07-31	Beck et al.	
87	20080190846		2008-08-14	Cox et al.	
88	20080203017		2008-08-28	Zha et al.	
89	20080257822		2008-10-23	Johnson	
90	20080277340		2008-11-13	Hong et al.	
91	20090001018		2009-01-01	Zha et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit		1778
Examiner Name	D.R. Anderson	
Attorney Docket Number		2003P87067WOUS

92	20090223895		2009-09-10	Zha et al.	
93	20100000941		2010-01-07	Muller	
94	20100025320		2010-02-04	Johnson	
95	20100170847		2010-07-08	Zha et al.	
96	20100300968		2010-12-02	Liu et al.	
97	20110056522		2011-03-10	Zauner et al.	
98	20110100907		2011-05-05	Zha et al.	
99	20110114557		2011-05-19	Johnson et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button. **Add**

FOREIGN PATENT DOCUMENTS

Remove

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	34400/84	AU	A	1985-04-23	Memtec Ltd		<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit	1778	
Examiner Name	D.R. Anderson	
Attorney Docket Number	2003P87067WOUS	

	2	55847/86	AU	A	1986-09-24	Memtec Ltd		<input type="checkbox"/>
	3	762091	AU	B2	2003-06-19	Us Filter Wastewater Group Inc		<input type="checkbox"/>
	4	77066/87	AU	A	1988-02-10	Memtec Ltd		<input type="checkbox"/>
	5	1050770	CN		1995-01-25	Rotem Ind. Ltd.	Abstract only	<input checked="" type="checkbox"/>
	6	1159769	CN	A	1997-09-17	Memtec Ltd	Abstract only	<input checked="" type="checkbox"/>
	7	1249698	CN	A	2000-04-05	Usf Filtration & Separations	Abstract only	<input checked="" type="checkbox"/>
	8	1541757	CN	A	2004-11-03	Univ Shanghai Jiaotong	Abstract only	<input checked="" type="checkbox"/>
	9	2204898Y	CN	Y	1995-08-09	Lu Qiao	Abstract only	<input checked="" type="checkbox"/>
	10	2236049Y	CN	Y	1996-09-25	Zhang Lijun	Abstract only	<input checked="" type="checkbox"/>
	11	10209170	DE	C1	2003-08-07	Chmiel, Horst	Abstract only	<input checked="" type="checkbox"/>
	12	19503060	DE	A1	1996-08-08	Henkel Ecolab Gmbh & Co Ohg	Abstract only	<input checked="" type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit	1778	
Examiner Name	D.R. Anderson	
Attorney Docket Number	2003P87067WOUS	

13	29804927	DE	U1	1998-06-10	Rochem Ro Wasserbehandlung Gmb	Abstract only	<input checked="" type="checkbox"/>
14	29906389	DE	U1	1999-06-17	Cramer Weberei Heek Nienborg G	Abstract only	<input checked="" type="checkbox"/>
15	3904544	DE	A1	1990-08-16	Fraunhofer Ges Forschung	Abstract only	<input checked="" type="checkbox"/>
16	4113420	DE	A1	1992-10-29	Bayer Ag	Abstract only	<input checked="" type="checkbox"/>
17	4117281	DE	A1	1992-01-02	Bitterfeld Wolfen Chemie	Abstract only	<input checked="" type="checkbox"/>
18	4117422	DE	C1	1992-11-12	Dettinger,, Willi, Prof. Dr.- ing., 7432 Bad Urach,	Abstract only	<input checked="" type="checkbox"/>
19	012557	EP	B1	1983-02-16	Abcor Inc		<input type="checkbox"/>
20	0464321	EP	A1	1992-01-08	Perdomini Spa		<input type="checkbox"/>
21	050447	EP	B1	1985-10-02	Asahi Glass Co Ltd		<input type="checkbox"/>
22	090383	EP	B1	1990-05-23	Hr Textron Inc		<input type="checkbox"/>
23	1034835	EP	A1	2000-09-13	Biothane Systems Int Bv		<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit		1778
Examiner Name	D.R. Anderson	
Attorney Docket Number		2003P87067WOUS

	24	1052012	EP	A1	2000-11-15	Asahi Chemical Ind		<input type="checkbox"/>
	25	1236503	EP	B1	2004-08-25	Solvay Solexis Spa		<input type="checkbox"/>
	26	126714	EP	A2	1984-11-28	Christ Ag	Abstract only	<input checked="" type="checkbox"/>
	27	1349644	EP	B1	2003-10-08	Siemens Water Technologies Corp.	Full translation	<input checked="" type="checkbox"/>
	28	1350555	EP	A1	2003-10-08	Toray Industries		<input type="checkbox"/>
	29	1420874	EP	B1	2011-01-19	Us Filter Wastewater Group Inc		<input type="checkbox"/>
	30	1445240	EP		2004-08-11	Zenon Environmental Inc.		<input type="checkbox"/>
	31	1659171	EP	A1	2006-05-24	Kobelco Eco Solutions Co Ltd		<input type="checkbox"/>
	32	194735	EP	A2	1986-09-17	Drori, Mordeki		<input type="checkbox"/>
	33	250337	EP	A1	1987-12-23	Rhone Poulenc Rech	Abstract only	<input checked="" type="checkbox"/>
	34	280052	EP	B1	1994-07-27	Dongbei Power College		<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10595841
Filing Date		2004-11-12
First Named Inventor	Warren T. Johnson	
Art Unit		1778
Examiner Name	D.R. Anderson	
Attorney Docket Number		2003P87067WOUS

35	327025	EP	A1	1989-08-09	Sartorius Gmbh	Abstract only	<input checked="" type="checkbox"/>
36	344633	EP	A1	1989-12-06	Organo Kk		<input type="checkbox"/>
37	395133	EP	B1	1995-02-01	X Flow Bv		<input type="checkbox"/>
38	407900	EP	A2	1991-01-16	Akzo Nv	Abstract only	<input checked="" type="checkbox"/>
39	430082	EP	B1	1996-06-19	Millipore Corp		<input type="checkbox"/>
40	463627	EP	A2	1992-01-02	Bitterfeld Wolfen Chemie	Abstract only	<input checked="" type="checkbox"/>
41	492446	EP	B1	1995-11-29	Dow Chemical Co		<input type="checkbox"/>
42	492942	EP	A2	1992-07-01	Amoco Corp		<input type="checkbox"/>
43	518250	EP	B1	1992-12-16	Pall Corp		<input type="checkbox"/>
44	547575	EP	A1	1993-06-23	Permea Inc		<input type="checkbox"/>
45	627255	EP	B1	1999-01-13	Rotem Ind Ltd et al.		<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10595841
Filing Date	2004-11-12
First Named Inventor	Warren T. Johnson
Art Unit	1778
Examiner Name	D.R. Anderson
Attorney Docket Number	2003P87067WOUS

46	662341	EP	A1	1995-07-12	Kubota Kk		<input type="checkbox"/>
47	734758	EP	A1	1996-10-02	Mitsui Petrochemical Ind		<input type="checkbox"/>
48	763758	EP	A1	1997-03-19	Seiko Giken Kk		<input type="checkbox"/>
49	824956	EP	A2	1998-02-25	Essef Corp		<input type="checkbox"/>
50	848194	EP	A2	1998-06-17	Weissenbacher Andreas et al.	Abstract only	<input checked="" type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button **Add**

NON-PATENT LITERATURE DOCUMENTS

Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	"Chemical Cleaning Definition", Lenntech BV, Lenntech Water treatment & purification Holding B.V., Chemical Cleaning.	<input type="checkbox"/>
	2	ALMULLA et al., Desalination, 153 (2002), pp. 237-243	<input type="checkbox"/>
	3	Anonymous, "Nonwoven Constructions of Dyneon "THV and Dyneon "THE Fluorothermoplastics", Research Disclosure Journal, April 1999, RD 420013, 2 pages	<input type="checkbox"/>
	4	COTE et al., Wat. Sci. Tech. 38(4-5) (1998), pp. 437-442.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10595841
Filing Date	2004-11-12
First Named Inventor	Warren T. Johnson
Art Unit	1778
Examiner Name	D.R. Anderson
Attorney Docket Number	2003P87067WOUS

5	Cote, et al. "A New Immersed Membrane for Pretreatment to Reverse Osmosis" Desalination 139 (2001) 229-236.	<input type="checkbox"/>
6	CRAWFORD et al., "Procurement of Membrane Equipment: Differences Between Water Treatment and Membrane Bioreactor (MBR) Applications" (2003).	<input type="checkbox"/>
7	DAVIS et al., Membrane Technology Conference, "Membrane Bioreactor Evaluation for Water Reuse in Seattle, Washington" (2003).	<input type="checkbox"/>
8	DeCAROLIS et al., Membrane Technology Conference, "Optimization of Various MBR Systems for Water Reclamation" (2003).	<input type="checkbox"/>
9	Delgrange-Vincent, N. et al., Desalination 131 (2000) 353-362.	<input type="checkbox"/>
10	Dow Chemicals Company, "Filmtec Membranes - Cleaning Procedures for Filmtec FT30 Elements," Tech Facts, Online, June 30, 2000, XP002237568.	<input type="checkbox"/>
11	HUSAIN, H. et al., "The ZENON experience with membrane bioreactors for municipal wastewater treatment," MBR2: Membr. Bioreact. Wastewater Treat., 2nd Intl. Meeting; School of Water Sciences, Cranfield University, Cranfield, UK, June 1999.	<input type="checkbox"/>
12	JOHNSON, "Recent Advances in Microfiltration for Drinking Water Treatment," AWWA Annual Conference, June 20-24, 1999, Chicago, Illinois, entire publication.	<input type="checkbox"/>
13	JONES, Craig, "Applications of Hydrogen Peroxide and Derivatives," The Royal Society of Chemistry, Cambridge, UK 1999 Chapters 2 and 5.	<input type="checkbox"/>
14	KAIYA et al., "Water Purification Using Hollow Fiber Microfiltration Membranes," 6th World Filtration Congress, Nagoya, 1993, pp. 813-816.	<input type="checkbox"/>
15	Kang et al. "Characteristics of microfiltration membranes in a membrane coupled sequencing batch reactor system" Water Research, Elsevier, Amsterdam, NL, vol. 37, no. 5, March 2003.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10595841
Filing Date	2004-11-12
First Named Inventor	Warren T. Johnson
Art Unit	1778
Examiner Name	D.R. Anderson
Attorney Docket Number	2003P87067WOUS

16	LLOYD, D.R. et al. "Microporous Membrane Formation Via Thermally Induced Phase Separation/Solid-Liquid Phase Separation" Journal of Membrane Science (09/15/1990), pages 239-261, Vol. 52, No. 3, Elsevier Scientific Publishing Company, Amsterdam, NL.	<input type="checkbox"/>
17	LOZIER et al., "Demonstration Testing of ZenoGem and Reverse Osmosis for Indirect Potable Reuse Final Technical Report," published by CH2M Hill, available from the National Technical Information Service, Operations Division, January 2000, entire publication.	<input type="checkbox"/>
18	Mark et al., "Peroxides and Peroxy Compounds, Inorganic" Kirk - Othmer Encyclopedia of Chemical Technology, Peroxides and Peroxy Compounds, Inorganic, To Piping Systems, New York, Wiley & Sons, Ed., January 1, 1978, pages 14-18.	<input type="checkbox"/>
19	MicroCTM -Carbon Source for Wastewater Denitrification. Information from Environmental Operating Solutions website including MSDS.	<input type="checkbox"/>
20	NAKAYAMA, "Introduction to Fluid Mechanics," Butterworth-Heinemann, Oxford, UK, 2000.	<input type="checkbox"/>
21	RAMASWAMMY S. et al. "Fabrication of Ply (ECTFE) Membranes via thermally induced phase Separation", Journal of Membrane Science, (12-01-2002), pages 175-180, Vol. 210 No. 1, Scientific Publishing Company, Amsterdam, NL.	<input type="checkbox"/>
22	ROSENBERGER et al., Desalination, 151 (2002), pp. 195-200.	<input type="checkbox"/>
23	U.S. Provisional Application 60/278,007 filed March 23, 2001.	<input type="checkbox"/>
24	UEDA et al., "Effects of Aeration on Suction Pressure in a Submerged Membrane Bioreactor," Wat. Res. Vol. 31, No. 3, 1997, pp. 489-494.	<input type="checkbox"/>
25	Water Encyclopedia, edited by Jay Lehr, published by John Wiley & Sons, Inc., Hoboken, New Jersey, 2005. Available at http://wwwmmrw.interscience.wiley.com/eow/ .	<input type="checkbox"/>
26	Webster's Ninth New Collegiate Dictionary, Merriam-Webster Inc., Publishers, Springfield, Massachusetts, USA, Copyright 1986, p. 1298.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10595841
Filing Date	2004-11-12
First Named Inventor	Warren T. Johnson
Art Unit	1778
Examiner Name	D.R. Anderson
Attorney Docket Number	2003P87067WOUS

27	WHITE et al., The Chemical Engineering Journal, 52 (1993), pp. 73-77.	<input type="checkbox"/>
28	Wikipedia, "Seawater," available at http://en.wikipedia.org/wiki/Seawater , July 15, 2007.	<input type="checkbox"/>
29	Yamamoto et al., Water Science Technology, Vol. 2, pages, 43-54; 1989.	<input type="checkbox"/>
30	Yoon: "Important operational parameters of membrane bioreactor-sludge disintegration (MBR-SD) system for zero excess sludge production" Water Research, Elsevier, Amsterdam, NL, vol. 37, no. 8, April 2003.	<input type="checkbox"/>
31	ZENON, "Proposal for ZeeWeed® Membrane Filtration Equipment System for the City of Westminster, Colorado, Proposal Number 479-99," March 2000, entire publication.	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button **Add**

EXAMINER SIGNATURE

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10595841
Filing Date	2004-11-12
First Named Inventor	Warren T. Johnson
Art Unit	1778
Examiner Name	D.R. Anderson
Attorney Docket Number	2003P87067WOUS

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Sandra Szela Congdon/	Date (YYYY-MM-DD)	2011-09-16
Name/Print	Sandra Szela Congdon	Registration Number	60655

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.